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Patent Abstracts of Japan

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APPLICANT: DAIKIN IND LTD;

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INT.CL.

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TITLE

: FLUOROMALONIC ACID DERIVATIVE

AND ITS PRODUCTION

ABSTRACT: NEW MATERIAL:2 Fluoro-2-substituted malonic dialityl ester of formula I (R, R' are lower

alkyl; R" is 1~10C hydrocarbon group).

EXAMPLE: Dimethyl 2-fluoro-2-methylmalonate

USE: Synthetic intermediate of a physiologically active substance such as hypnotic.

PREPARATION: The reaction of dialkyl 2-fluoromalonate of formula II with a halide of R"X(X is halogen) is effected in the presence of an alkali metal alkoxide, preferably in a

solvent such as alcohol.